

DEPARTMENT OF TRANSPORTATION**DIVISION OF ENGINEERING SERVICES**

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.15**SOURCE INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** SIR-003405**Date Inspected:** 02-Jun-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**Quality Control Contact:** Mr. Don Walton**Quality Control Present:** Yes No**Material transfer:** Yes No N/A**Sampled Items:** Yes No N/A**Stock Transfer:** Yes No N/A**OK to Cut:** Yes No N/A**Rebar Test Witness:** Yes No N/A**Delayed/Cancelled:** Yes No N/A**Other:** Coating Inspection**Bridge No:** 34-0006**Component:** See Below**Bid Item:** 77, 78, 79**Lot No:** B #204**Summary of Items Observed:**

On this date Caltrans Office of Structural Materials (OSM) Quality Assurance (QA) NACE Coating inspector, Baskar Govindarajan arrived on site at the Zhenhua Port Machinery Company (ZPMC) facility at Changxing Island in Shanghai, China. The purpose of the coating inspections are to monitor the surface preparation and coating applications for the SAS Bay Bridge project. This QA coating inspector observed the following:

An inspection was requested on the I Beam, X 4025A vide inspection request no. 6822 for Washing and Degreasing Inspection at West Gate of Blasting workshop -2. This QA inspector observed, ABF Inspectors Mr. Sun found inspecting these surfaces .ZPMC found cleaning the surfaces and drilled holes by thinner . These surfaces found accepted for Blasting by ABF Inspectors. International protective coatings technical service representative was found present during the coarse of this inspection process for Technical discussion.

An inspection was requested on the Lift 13 AE Internal west and East section ceiling and Vertical of Floor beam PP119+1.5 mtr. to PP 120 for Surface preparation and primer coat application Inspection, Inspection request no. 6820. This QA Inspector observed ZPMC QC Inspectors found measuring the surface temperature at Ceiling and found to be 42 deg. C which is not acceptable as per Contract Documents. Hence, It was found ZPMC Cancelled the Notification during this time. Again around 17.00 hrs, ZPMC QC Inspectors found measuring the surface Temperatures and found to be 32Deg. which is acceptable as per contract Documents. Ambient conditions found measured by ZPMC QC Inspectors which is 4.1 deg. celcius above due point and the relative humidity found to be 57.1 %, which is acceptable as per contract documents. International protective coatings technical service representative was found present during the coarse of this inspection process for Technical discussion.

SOURCE INSPECTION REPORT

(Continued Page 2 of 2)

For further informations, Please see the pictures below,

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.



Summary of Conversations:

No Relevant conversations

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Thomas Hu (15002048250), who represents the Office of Structural Materials for your project.

Inspected By:	Baskar, Govindarajan	Quality Assurance Inspector
Reviewed By:	Clifford, William	QA Reviewer
